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Rio Algom Corporation  
04008084120S

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WMUR:TLJ  
Docket No. 40-8084  
04008084120S  
SUA-1119, Amendment No. 14

Rio Algom Corporation  
La Sal Route  
Moab, UT 84532

Gentlemen:

Pursuant to Title 10, Code of Federal Regulations, Part 40, Source Material License SUA-1119 is hereby amended by revising License Condition No. 40 to read as follows:

40. For the lower tailings impoundment, the licensee shall maintain at least thirteen (13) feet of freeboard between the maximum pond operating level and the Stage I dam crest elevation of 6651 ft. msl and at least ten (10) feet of freeboard between the maximum pond operating level and the Stage II dam crest elevation of 6661 ft. msl.

By September 30, 1982, the licensee shall provide for NRC review and approval a revised final design for the post-reclamation diversion channel.

By September 30, 1982, the licensee shall provide an analysis which documents that the Bisco Lake dam embankment meets the stability criteria outlined in Regulatory Guide 3.11, "Design, Construction, and Inspection of Embankment Retention Systems for Uranium Mills." In addition, the licensee shall provide an analysis which documents that the Bisco Lake impoundment meets the hydrologic criteria discussed in Staff Technical Position WM-8201, "Hydrologic Design Criteria for Tailings Retention Systems."

All other conditions of this license shall remain the same.

The effect of this amendment is to provide for revised maximum operating levels in the lower tailings impoundment, depending on the dam crest elevation. For a dam crest elevation of 6651 ft. msl, the maximum operating level will be restricted to elevation 6638 ft. msl; for a dam crest elevation of 6661 ft. msl, the maximum operating level will be restricted to elevation 6651 ft. msl.

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Rio Algom Corporation  
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This amendment was discussed in several telephone conversations between your Mr. R. Pattison and the NRC staff.

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by

*H. J. Pettengill* for  
R. Dale Smith, Chief  
Uranium Recovery Licensing Branch  
Division of Waste Management

Case Closed: 040080841205

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ME	: TLJohnson:mb	: BPFisher	: HJPettengill	: RDSmith <i>[Signature]</i>	:	:
TE	: 8/23/82	: 8/19/82	: 8/24/82	: 9/1/82	:	: